

IN THE CLAIMS

Please amend claims 1, 8, 11, 16, 22, 24, 26 and 30, cancel claims 4, 5, 6, 10, 13, 27, 28 and 29 and add claim 34 in accordance with the following listing showing the status of all claims in the application.

1. (Currently Amended) A flashlight, comprising:
a plurality of light sources, each providing light when energized;
a housing configured so as to direct the light into a beam;
an integrated circuit configured to control which of the plurality of light sources is/are illuminated; and
a pushbutton switch operable by a user and electrically coupled to the integrated circuit,
wherein the integrated circuit controls illumination of the light sources based on input signals from the pushbutton switch,
wherein the integrated circuit is a multi-state electronic device that changes state when a signal is input from the switch, and wherein different states of the integrated circuit cause different combinations of the light sources to become illuminated,
wherein the integrated circuit cycles through a fixed number of states, one state each time the pushbutton switch is depressed, and

wherein the states begin at an initial state in which all of the light sources are off and then, after cycling through the fixed number of states, return to said initial state, whereupon the cycle may be repeated.

2. (Original) A flashlight according to claim 1, wherein the light sources have different levels of power consumption.

3. (Original) A flashlight according to claim 1, wherein the plurality of light sources includes at least one light-emitting diode (LED) and at least one incandescent lamp.

4. (Canceled)

5. (Canceled)

6. (Canceled)

7. (Original) A flashlight according to claim 1, wherein the integrated circuit is a counter.

8. (Currently Amended) A flashlight according to claim 1, wherein at least one of the light sources is covered by a type of lens that does not cover at least one other of the light sources.

9. (Original) A flashlight according to claim 1, wherein the light sources include plural light-emitting diodes (LEDs) and an incandescent bulb, and wherein a lens covers all of the LEDs only.

10. (Canceled)

11. (Currently Amended) A flashlight, comprising:
a flashlight body that is hand-sized;
plural light sources disposed within the flashlight body;
a switch disposed on the flashlight body; and
a multi-state electronic device that has plural states and is electrically coupled to the switch and to the plural light sources,
wherein the flashlight body is configured to direct light from the plural light sources,
wherein each activation of the switch causes the multi-state electronic device to advance to a next one of the plural states,
wherein the multi-state electronic device only changes state when a signal is input from the switch, and
wherein each of the plural states causes a different combination of the light sources to illuminate.

12. (Original) A flashlight according to claim 11, wherein the multi-state electronic device is a counter having an output corresponding to each state.

13. (Canceled)

14. (Original) A flashlight according to claim 11, wherein at least some of the light sources have different brightnesses.

15. (Original) A flashlight according to claim 11, wherein the light sources comprise an incandescent lamp and a light-emitting diode.

16. (Currently Amended) A flashlight according to claim 11, wherein at least one of the light sources is covered by a type of lens that does not cover at least one other of the light sources.

17. (Original) A flashlight according to claim 11, wherein the flashlight body is configured to direct light from the plural light sources in a single direction.

18. (Original) A flashlight according to claim 11, wherein the switch is a pushbutton.

19. (Previously Presented) A flashlight according to claim 11, wherein the switch is a three-position rocker switch, depressing the switch in a first direction advances to a next state of the multi-state device, and depressing the switch in a second direction returns to a previous state of the multi-state device.

20. (Previously Presented) A flashlight according to claim 19, wherein depressing the switch in the first direction causes a characteristic of a resulting light beam to change in one direction and depressing the switch in the second direction causes the characteristic of the resulting light beam to change in an opposite direction.

21. (Previously Presented) A flashlight according to claim 1, wherein the flashlight is hand-sized and battery-powered.

22. (Currently Amended) A flashlight according to claim 1, wherein each time the switch is activated the integrated circuit causes at ~~least one~~a change in which of the plurality of light source(s) sources, if any, ~~that~~ are illuminated, and the new set of illuminated light source(s), if any, remain illuminated until a next activation of the switch.

23. (Previously Presented) A flashlight according to claim 1, wherein each activation of the switch changes a characteristic of the light beam.

24. (Currently Amended) A flashlight according to claim ~~5~~1, wherein the integrated circuit only changes state when a signal is input from the switch.

25. (Previously Presented) A flashlight according to claim 11, wherein the flashlight is battery-powered.

26. (Currently Amended) A flashlight according to claim 11, wherein each time the switch is activated the multi-state electronic device causes ~~at least one a~~ change in which of the plurality of light ~~source(s)~~sources, if any, ~~that~~ are illuminated, and the new set of illuminated light source(s), if any, remain illuminated until a next activation of the switch.

27. (Canceled)

28. (Canceled)

29. (Canceled)

30. (Currently Amended) A flashlight according to claim 2811, wherein the multi-state electronic device cycles through at least three different states in response to said identical activations of the switch.

31. (Previously Presented) A flashlight according to claim 11, wherein for each transition from a previous state to a new state, based on an activation of the switch, the multi-state electronic device causes a different pattern of light sources to illuminate and to remain illuminated until a next state transition based on an activation of the switch.

32. (Previously Presented) A flashlight according to claim 11, wherein the switch is spring-loaded and a depression and release of the switch causes only a single state change in the multi-state electronic device.

33. (Previously Presented) A flashlight according to claim 11, wherein the switch is a temporary-activation switch and only a single transition edge of the signal provided by the switch causes a state change in the multi-state electronic device.

34. (New) A flashlight according to claim 11, wherein the plural states begin at an initial state in which all of the light sources are off and

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then, after cycling through the fixed number of states, return to said initial state, whereupon the cycle may be repeated.